## **WEST Search History**

Hide Items Restore Clear Cancel

DATE: Monday, March 06, 2006

Hide? Set Name Query			Hit Count
DB=PGPB,USPT; PLUR=NO; OP=ADJ			
	L152	1114 and L151	31
	L151	712/1.CCLS.	436
	L150	(6931641 or 6658447 or 5327526).pn.	3
	L149	542189.ap.	4
	L148	L144 and L146	4
	L147	L32 and L146	14017
	L146	L89 or L100	77907
	L145	L41 and L144	1
	L144	L1 same L143	33
	L143	branch\$3 with condition\$4	24819
	L142	(L38 with branch\$3 with condition\$4) and L141	8
	L141	L89 or router\$1	77907
	L140	6829697.pn.	1
	L139	L137 and L38	4
	L138	connect\$3 with L137	41
	L137	logic blocks with series	189
	L136	L38 same L135	32
	L135	single pipeline	803
	L134	functional unit\$1 with L38 with branch\$3	7
	L133	pipeline stage\$1 with L38 with branch\$3	2
	L132	pipeline same conditional branch same packet\$1	22
	L131	pipelined logic blocks	3
	L130	pipelined logic blocksL129	0
	L129	serial logic blocks	0
	L128	series same L126	12
	L127	L38 and L126	30
	L126	serial same L123	145
	L125	L38 with L123	9
	L124	L114 with L123	3
	L123	protocol processor\$1	1395
DB=USPT; PLUR=NO; OP=ADJ			

□   L121   branch\$3 same L120   1     □   L120   L114 same packet\$1 same (switch\$3 or swap\$4)   109     □   L119   L114 and L52   14     □   L118   L114 and L117   0     □   L116   serial and L115   19     □   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L113   packet process\$3   201     □   L111   suspend\$3 same L110   5     □   L111   suspend\$3 same L110   5     □   L101   L6 same L38   270     □   L101   L6 same L38   270     □   L101   L6 same L38   251     □   L102   L6 and L38   951     □   L103   L106   156     □   L101   L6 and L38   2541     □   L104   L10a and L106   156     □   L104   L1 and L101   347 <th>L122</th> <th>protocol processor\$1</th> <th>790</th>	L122	protocol processor\$1	790
□   L119   L114 and L52   14     □   L118   L114 and L117   0     □   L117   L65 with (serial or pipelin\$3)   18     □   L116   serial and L115   19     □   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L113   packet process\$3   4154     □   L111   sucket process\$3   4154     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L101   L6 same L38   270     □   L103   L106   138     □   L104   L108   1106   3     □   L107   L100 and L106   156   3     □   L104   L1 and L101   347   3     □   L104   L1 and L101   347   1     □   L104   L1 and L101   347   1     □   L10	L121	branch\$3 same L120	1
□   L118   L114 and L117   0     □   L117   L65 with (serial or pipelin\$3)   18     □   L116   serial and L115   19     □   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L113   packet process\$3   4154     □   L111   suspend\$3 same L110   5     □   L111   suspend\$3 same L110   5     □   L109   L6 and L38   270     □   L109   L6 and L38   951     □   L104   L100 same L106   3     □   L107   L100 and L106   156     □   L104   L1 and L101   347     □   L104   L1 and L104   3     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L99   L89 and L98   6<	L120	L114 same packet\$1 same (switch\$3 or swap\$4)	109
□   L117   L65 with (serial or pipelin\$3)   18     □   L116   serial and L115   19     □   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L113   packet process\$3   201     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L101   L6 same L38   270     □   L109   L6 and L38   951     □   L103   L106 same L106   3     □   L104   L100 same L106   156     □   L106   L38 with suspend\$3   2541     □   L101   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L101   L38 and L100   6306     □   L101   L38 and L100   63864     □   L99   L89 and L98   6	L119	L114 and L52	14
□   L116   serial and L115   19     □   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     DB=PGPB, USPT; PLUR=NO; OP=ADJ   30     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L101   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L101   L100 same L106   3     □   L104   L100 same L106   156     □   L105   L103 and L104   3     □   L104   L38 with suspend\$3   2541     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L104   L1 and L101   347     □   L101   L38 and L100   6306     □   L91   L38 and L98   6     □   L92	L118	L114 and L117	0
□   L115   L113 with L114   41     □   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L110   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L101   L38 and L100   6306     □   L101   L38 and L100   6306     □   L99   L89 and L98   6     □   L99   L89 and L94   1     □   L94   (712/23).ccls.   709     □   L94   (712/241).ccls.   264     □	L117	L65 with (serial or pipelin\$3)	18
□   L114   multi-threading or multithreading or thread\$1   244482     □   L113   packet process\$3   4154     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L110   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L101   L38 and L102   51     □   L101   L38 and L100   6306     □   L101   L38 and L100   6306     □   L90   L89 and L98   6     □   L90   L89 and L94   1     □   L91   L89 and L94   4     □   L92   L70 and L89   0     □   L91	L116	serial and L115	19
□   L113   packet process\$3   4154     DB=PGPB, USPT; PLUR=NO; OP=ADJ   201     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L100   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L101   L38 ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L101   L38 and L90   63864     □   L99   L89 and L98   6     □   L91   L65 and L94   1     □   L95   L89 and L94   4     □   L95   L89 and L94   4     □   L92   L70 and L89	L115	L113 with L114	41
DB=PGPB, USPT; PLUR=NO; OP=ADJ     □   L112   L6 with L38   201     □   L111   suspend\$3 same L110   5     □   L110   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L101   L38 and L100   6306     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L99   L93 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L92   L70 and L89 <td< td=""><td>L114</td><td>multi-threading or multithreading or thread\$1</td><td>244482</td></td<>	L114	multi-threading or multithreading or thread\$1	244482
□   L112   L6 with L38   201     □   L110   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L103   packet\$1 and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L95   L89 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L92   L70 and L89   0     □   L91   L38 and L89	L113	packet process\$3	4154
□   L111   suspend\$3 same L110   5     □   L109   L6 same L38   270     □   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L92   <	DB=PG	SPB,USPT; PLUR=NO; OP=ADJ	
□   L110   L6 same L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L91   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L92   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3 </td <td>L112</td> <td>L6 with L38</td> <td>201</td>	L112	L6 with L38	201
□   L109   L6 and L38   951     □   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L92   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch	L111	suspend\$3 same L110	5
□   L108   L100 same L106   3     □   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3	L110	L6 same L38	270
□   L107   L100 and L106   156     □   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L95   L89 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L109	L6 and L38	951
□   L106   L38 with suspend\$3   2541     □   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L108	L100 same L106	3
□   L105   L103 and L104   3     □   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L91   L38 and L89   1415     □   L91   L38 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L107	L100 and L106	156
□   L104   L1 and L101   347     □   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L89   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L106	L38 with suspend\$3	2541
□   L103   packet\$1 and L102   51     □   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L105	L103 and L104	3
□   L102   L38.ti,ab,clm. and L100.ti,ab,clm.   151     □   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L104	L1 and L101	347
□   L101   L38 and L100   6306     □   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L103	packet\$1 and L102	51
□   L100   router\$1   63864     □   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L102	L38.ti,ab,clm. and L100.ti,ab,clm.	151
□   L99   L89 and L98   6     □   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L101	L38 and L100	6306
□   L98   (712/23).ccls.   709     □   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L100	router\$1	63864
□   L97   L65 and L94   1     □   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L99	L89 and L98	6
□   L96   L49 and L94   1     □   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L98	(712/23).ccls.	709
□   L95   L89 and L94   4     □   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L97	L65 and L94	1
□   L94   (712/241).ccls.   264     □   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L96	L49 and L94	1
□   L93   L70 and L89   0     □   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L95	L89 and L94	4
□   L92   L70 and L91   0     □   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L94	(712/241).ccls.	264
□   L91   L38 and L89   1415     □   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L93	L70 and L89	0
□   L90   L65 and L89   26     □   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L92	L70 and L91	0
□   L89   packet switch\$3   22429     □   L88   sun.as. and treat.xp. and L38   9	L91	L38 and L89	1415
L88 sun.as. and treat.xp. and L38	L90	L65 and L89	26
-	L89	packet switch\$3	22429
L87 L38 same L86 38	L88	sun.as. and treat.xp. and L38	9
	L87	L38 same L86	38

L86	instruction block\$1	2094
L85	L38 and L83	5
L84	packet\$1 and L83	13
L83	decoupled processor\$1	61
L82	L81 adj processor\$1	5
L81	non-blocking or nonblocking	7159
L80	mon-blocking or nonblocking	1322
L79	L38 with L65	23
L78	L38 adj processor	811
L77	L65 and L70	1
L76	L62 and L70	3
L75	L70 and L74	1
L74	(712/32).ccls.	378
L73	context switch\$3 same L59	33
L72	L59 and L70	1
L71	L49 and L70	0
L70	(712/235).ccls.	197
L69	packet\$1.ti,ab,clm. and L68	10
L68	L65 with (parallel or pipelin\$3)	162
L67	packet\$1.ti,ab,clm. and L65	85
L66	packet.ti,ab,clm. and L65	70
L65	subprocessor\$1 or sub-processor\$1	1246
L64	L38 same L62	34
L63	packet\$1 same L62	19
L62	non-blocking with processor\$1	363
L61	L60 not L58	5
L60	L59 and L53	14
L59	packet with processor\$1	14152
L58	L49 and L53	9
L57	packet\$1 and L52	22
L56	L52 and L55	9
L55	conditional branch\$3	5621
L54	L52 and L53	0
L53	(712/234).ccls.	364
L52	serial processors	102
L51	L38 with L49	33
L50	L38 and L49	215

L49	packet processor\$1	1777
L48	L47 not private branch exchange	40
L47	L45 not L46	52
L46	branch\$3 same L44	5
L45	branch\$3 and L44	57
L44	L38 same L41	266
L43	branch\$3 and L42	558
L42	L38 and L41	3132
L41	decoupled	30520
L40	L38 and L39	8
L39	decoupled architecture	34
L38	multi-threading or multithreading or thread\$1	313200
L37	chained processor\$1	9
L36	L28 and L35	0
L35	L34 with buffer\$1	0
L34	reconfigurable pipeline\$1	103
L33	L29 and L32	2
L32	709/\$.ccls.	42784
L31	router\$1 and L29	21
L30	L28 and L29	2
L29	reservation station\$1	1069
L28	internet protocol or tcp	79258
L27	L25 and L26	18
L26	reservation station\$1 with branch\$3	333
L25	internet protocol or ip or tcp	146493
L24	reservation station\$1 and L23	10
L23	(data or network) adj packet\$1	54042
L22	(router\$1 or switch\$2) and L21	86
L21	packet\$1 and reservation station\$1	161
L20	L18 same next instruction	20
L19	pipeline stage\$1 with conditional branch\$3	114
L18	pipeline stage\$1 with branch\$3	580
L17	L16 not L10	70
L16	stall\$3 and L15	71
L15	L6 same thread\$1	262
L14	L11 and L6	1
L13	serial sub-processors	0

L12	serial subprocessors	0
L11	serial processors	102
L10	L6 and L9	14
L9	stall\$3 same L1	92
L8	stall\$3 and L7	112
L7	L1 and L6	271
L6	packet process\$3	8900
L5	conditional branch\$3 same L4	6
L4	new thread	1785
L3	conditional branch\$3 same L1	21
L2	conditional branch\$3 with L1	2
L1	context adj (switch\$3 or swap\$4)	4457

END OF SEARCH HISTORY